

# Technical Data

SDI Temperature-/Humidity sensor with 5mm diameter



- **Article number**  
9130.520

Compact, slim temperature-/humidity sensor in stainless steel protective tube. With a diameter of just 5mm, the sensor is suitable for applications in measurement areas which are difficult to enter.

General	
Dimensions, probe	Length 250mm, Ø 5mm
Dimensions, housing	117x38mm
Weight	Approx. 85g
Protection type	Housing/sensor IP40 Sensor head: screwable, stainless steel cap, PTFE filter
Operating temperature	0...50°C
Operating humidity range	0...100% RH
Storage temperature	-20...60°C
Storage humidity	20...80% RH

Temperature	
Principle	PT1000 (tolerance class B, DIN EN 60751)
Measuring range	-40 ... 100 °C
Unit	°C
Accuracy	±0,2°C at 20°C, otherwise ±0,7°C
Resolution	0.1 °C

Relative Humidity	
Principle	Capacitive
Measuring range	0 ... 100 % RH

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Unit	% RH
Accuracy	$\pm 2\%$ (0–90%), $\pm 3\%$ (90–100%) RH
Resolution	0.1 % RH